

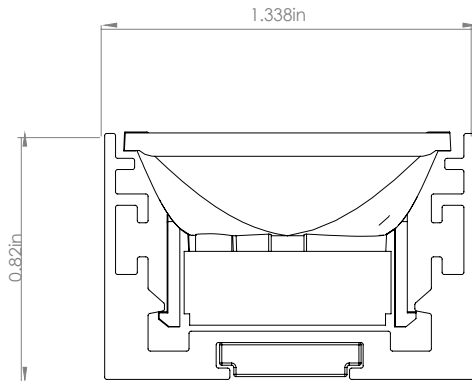
ZENLITE® LOUVRE-PM

LED Lighting System for New Construction - Pendant Mount

DESCRIPTION

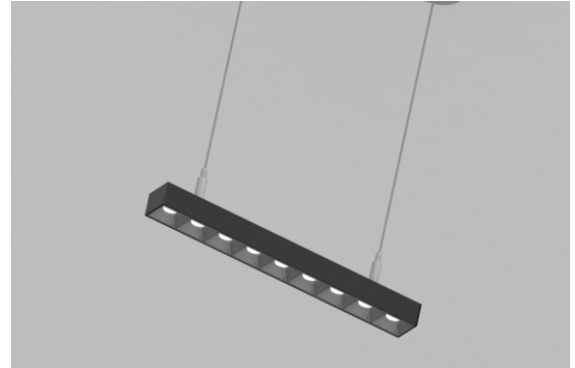
ZENLITE® LOUVRE Pendant Mount is an LED Microlouvre Lighting System for ceiling applications. This fixture can be combined with LOUVRE recessed and surface mount to create one seamless light. Our patent-pending design allows for the easy installation of this versatile fixture; allowing for clean, customizable light in a beautiful, low-glare form.

DIMENSIONS



Project Name:

Fixture Type:



LUMEN OUTPUT PERFORMANCE

Light Module	Lumens/ft
LVCB	485
LRGW	183
ZGBM	200

Color Temp	27K	30K	35K	40K
Multiplier	0.73	0.82	0.91	1

ORDERING CODE

Example: ZNLT-LOUV-PM-14-LVCB-24V-90C-27K-90-WH-BK-MG-5RAW36

Product	Length	Light Module Cutable Length Watts Per Feet	CRI	Volt	Color Temperature
ZNLT- LOUV-PM			24V	90C	
ZNLT- LOUV-PM	XX Length In Inches Only in Note: Lengths can be specified down to 1.18"(30mm).	LVCB Louvre Cool Beam 1.18 inch 5.8 W/ft (Louvre use only) LRGW Louvre Beam RGBW 1.18 in 3.6 W/ft (Louvre use only) ZGBM Zigbeam Module 1.18 inch 4.4 W/ft *(Lens use only) Max length of a Tapelight segment: (Based on Class 2 Circuit Adherence) LVCB- 13.3 Feet LRGW- 21.3 Feet ZGBM- 17.5 Feet * ZGBM not available in 95CRI at this time Note: Longer lengths are possible, consult info@PreciseLED.com	24V- 24V	90C ≥ 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K
Beam Spread	Housing Finish	Trim Color	Drivers		Pendant

10 x 45 degrees 30 degrees 60 degrees 90 degrees	WH White (Default) BK Black XX Custom Note: Consult factory for availability of powder coating.	BK Black AZ Clear Alzac Note: Consult factory for more details on multiple colors	MG (1% Magnetic Dimming) ZO (1% 0-10V Dimming) NN Non Dimming L3 Lutron Hi-lume 1% 3-wire/ Ecosystem (40W Max) LP Lutron Hi-lume Premier 0.1% FadeToBlack EcoSytem/3-wire *Drivers are remotely mounted	5RAW36 Feed/Non Feed 5" (White) Round Canopy with 36 inches Aircraft Cable (Default) 5RAB36 Feed/Non Feed 5" (Black) Round Canopy with 36 inches Aircraft Cable Custom Enter part# from Table 1 below: Note: Leadwire for tapelight will be the same length as the aircraft cable
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AIR CRAFT CABLE AND STEM MOUNTING OPTION (TABLE 1)

Type	Canopy	Hardware	Color	Length
F Feed Kit N Non-Feed Kit	5R 5" Round (Default) 5S 5" Square 2R 2" Round Note: other sizes available, consult factory for details	A Air Craft Cable (Default) S Stem	W White (Default) B Black X Custom RAL#:	18 18 Inch 36 36 Inch (Default) 48 48 Inch 72 72 Inch XX Custom Length: Default Length: Air Craft Cable: 36" Stem: 18"

PRODUCTION OPTIONS (Optional for Lighting designers)
OPTION A

Ship channels in 8ft lengths
(Default for lengths greater than 8 ft)

Note: It will exclude any non-45 degree angles required, which must be cut by PreciseLED factory.

OPTION B

Precut channels to desired lengths
(Default for lengths less than 8ft)

Note: Exact field measurements must be provided, factory does not take responsibility for field measurement errors.

OPTION C

Ship fixture preloaded with LED module

Note: This option is only available for lengths ≤ 8 ft. Exact field measurements must be provided, factory does not take responsibility for field measurement errors.

Note: The maximum length of a single channel is 8ft. For runs that are longer than 8ft, multiple 8ft channels need to be join together by means of straight channel connectors. Seamless lenses can be shipped in rolls of lengths up to 40 feet.

SPECIFICATIONS
LED SYSTEM

- **LED ENGINE:** 2700K, 3000K, 3500K, 4000K
ZIGBEAM: World's first miter-able tape light and dimmable using a dimmable driver. It displays a clean line of light at the surface of the lens.
- **CRI:** Minimum 90 color rendering index
- **COLOR CONSISTENCY:** 3-step binning LEDs
- **OPTICS:** Multiple beam spread options at varying degrees for different applications and settings.

ELECTRICAL

- **STANDARD DRIVER:** 120-277VAC, drivers are mounted remotely.
MG: Forward phase 1% magnetic low voltage dimming (dims down to 1%) and flicker free
ZO: 1% 0-10V dimming, flicker free, and IP65 rated for both indoor and outdoor use
NN: Non dimming, flicker free, and IP65 rated for both indoor and outdoor use.
LUTRON DRIVER L3: Hi-lume 1% EcoSystem 3-Wire Driver, provides continuous and flicker free dimming from 100% to 1%.
- **LUTRON DRIVER LP:** Hi-lume Premier 0.1% FadeToBlack EcoSystem 3-Wire Driver, provides continuous and flicker free dimming down to 0.1% when used with certain Lutron controls.
- **FEED:** 18" of wire provided with connection to a longer wire inside the beginning module.
- **EMERGENCY (Optional):** Remote emergency battery pack provides backup power for 90 minutes. Remote emergency test switch included.

MOUNTING

- **PENDANT:** White round canopy with an aircraft cable of 36 inches is provided by default with the additional choices of black or custom colors. Air craft length can be 18, 36, 48, or 72 inches with the option for custom lengths.
Mounting brackets are provided to be attached to the pendant kit; allowing for the pendant to be mounted directly into the ceiling. This design is versatile for any location and easily moved.

CONSTRUCTION

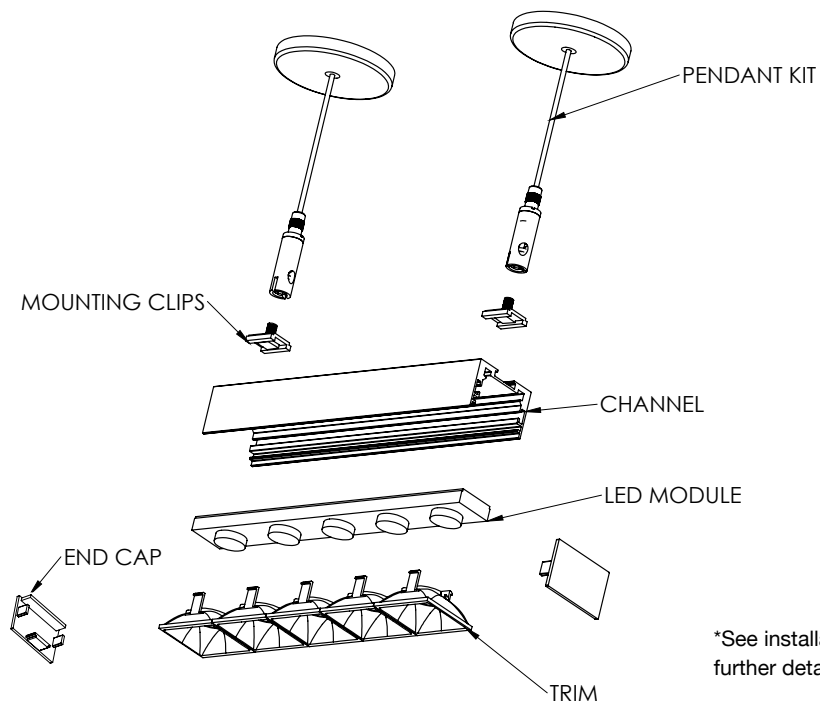
- **DIMENSIONS:** 1.338" W x .82" H
- **HOUSING:** Anodized aluminum extrusion cut with high precision equipment with up to 98% reflectivity on the inside.
- **HOUSING FINISH:** Powder coated white by default; with black available, and the option for custom colors. This provides the channel with a smooth finish and a defined color.
- **LOUVER:** Precision formed, snap-in polycarbonate louvers

LISTING/WARRANTY

- **WARRANTY:** 5 year limited warranty, ambient temperatures at fixture location should not exceed 40°C during normal operation.
- **IP Protection:** IP20
- **CRI** ≥ 90
- 50,000 hours lamp life
- US & International Patents Pending



■ TYPICAL INSTALLATION

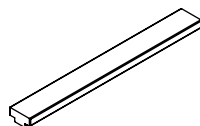


■ ASSEMBLED VIEW

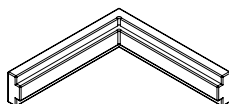


■ ADDITIONAL COMPONENTS

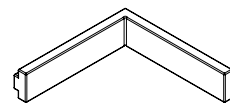
There are standard components that comes along the ZENLITE® lighting system and are included with the product. They will be added by the factory and do not need to be specified by the customer. These include the following:



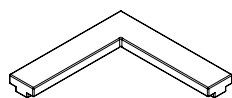
T-shape Connector
Length: 2 inches
Purpose: To connect to straight ZENLITE® Channels
Part #: **ZNLT-CNCT-STRT**



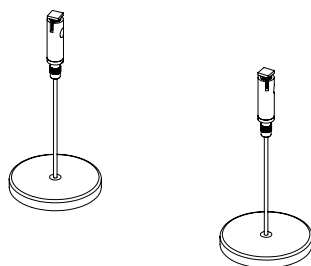
Outside T-shape Connector
Length: 1 x 1 inches
Purpose: To connect to straight ZENLITE® Channels at outside wall corners at 90 deg
Part #: **ZNLT-CNCT-ÖS90**



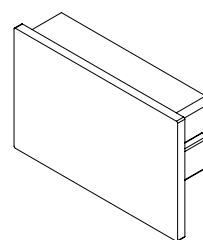
Inside T-shape Connector
Length: 1 x 1 inches
Purpose: To connect to straight ZENLITE® Channels at inside wall corners at 90 deg
Part #: **ZNLT-CNCT-IN90**



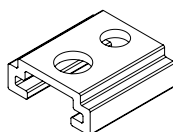
T-Shape Connector - ZIGZAG
Length: 1 x 1 inches
Purpose: To connect to straight ZENLITE® Channels trimmed at 45 Degrees to form a 90 Degree bend
Part #: **ZNLT-CNCT-ZG90**



Pendant Kit
Diameter: 2.0 or 5.0 inches
Purpose: To be attached behind the ZENLITE® channels to mount into the ceiling
Part #: **ZNLT-LOUV-PNDT**



End Cap
Length: 1.34 x 0.82 inches
Purpose: To be attached at the beginning/end of the ZENLITE® Channels.
Part #: **ZNLT-LOUV-ENCP**

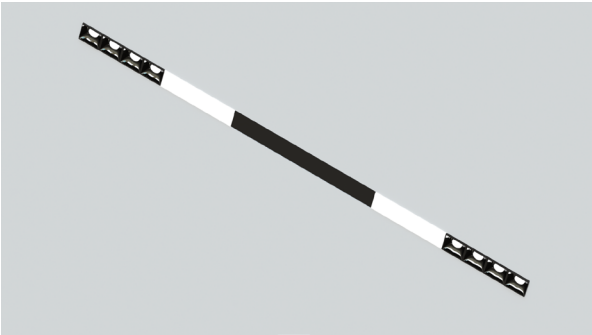


Mounting Clip
Length: 0.55 x 0.55 inches
Purpose: To be attached to the pendant kit and channel for a secure connection.
Part #: **ZNLT-LOUV-PM-CLIP**

CUSTOM DESIGN

Enter custom design below using the following notation:

- T - Trim
- P - Plate (unlit)
- L - Lens (lit)



Example: P-L-T

CUSTOM (leave blank if unneeded)

Type	Length	Light Module [Watts Per Foot]	Volt	CRI	Color Temp	Beam Spread	Trim/ Lens	Driver
T		LVCB	24V					
Trim	XX Length in inches only. Lengths can be specified down to 1.18 inch (30mm).	LVCB Louvre Cool Beam [6 W/ft]	24V- 24V	90C ≥ 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	10X45B degrees 30B degrees 60B degrees 90B degrees	BK Black Trim AZ Clear Alzac Trim	MG (1% Magnetic Dimming) ZO (1% 0-10V Dimming) NN Non Dimming L2 Lutron Hi-lume Forward Phase 120V 1% 2-wire (40W max.) L3 Lutron Hi-lume 1% 3-wire/Eco System LP Lutron Hi-lume Premier 0.1% Fade To Black EcoSystem/3-wire
L		ZGBC	24V					
Lens	XX Length in inches only. Lengths can be specified down to 1.18 inch (30mm).	ZGBM Zigbeam [4.4 W/ft]	24V- 24V	90C ≥ 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	10X45B degrees 30B degrees 60B degrees 90B degrees	DLNS Diffused Lens	
P		N/A	N/A	N/A	N/A	N/A		
Plate	XX Length in inches only. Lengths can be specified down to 1.18 inch (30mm).	N/A	N/A	N/A	N/A	N/A	ALP Aluminum Plate	